BRUHATH BANGALORE MAHANAGARA PALIKE

BYATARAYANAPURA DIVISION

Comparitive Statement

Name of Work: Improvements to Roads and Drains at Vemanna Layout and Surrounding areas in Ward No. 13, (Doddabommasandra)

Estimate Amount:- 50,00,000.00

Name of Contractor:- Charan N S

Approved amount:- 44,43,949.49

Tender premium:- 4.90% above

Sl. No.	Description of Work	Unit	Qty as per ScheduleB			Total Qty Executed	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total		Difference	
			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19
1	Removing and resetting of footpath slab	Sqm	494.64	246.52	121938.65	155.25	155.25	246.52	38272.23	0.00	246.52	0.00	155.25	38272.23	0.00	83666.42
2	Earth work Excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface	Cum	294.29	214.63	63163.46	257.53	257.53	214.63	55273.02	0.00	214.63	0.00	257.53	55273.02	0.00	7890.44
3	Providing and laying in position Plain Cement Concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well	Cum	15.24	6408.76	97669.50	15.23	15.23	6408.76	97602.21	0.00	6408.76	0.00	15.23	97602.21	0.00	67.29
4	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6	Cum	11.34	6256.45	70948.14	0.00	0.00	6256.45	0.00	0.00	6256.45	0.00	0.00	0.00	0.00	70948.14
5	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification.	Sqm	21.60	274.63	5932.01	0.00	0.00	274.63	0.00	0.00	274.63	0.00	0.00	0.00	0.00	5932.01
6	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite / trap / basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate	Cum	10.20	6609.54	67417.31	7.40	7.40	6609.54	48877.55	0.00	6609.54	0.00	7.40	48877.55	0.00	18539.76
7	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from	Cum	54.00	7230.80	390463.20	51.50	51.50	7230.80	372382.58	0.00	7230.80	0.00	51.50	372382.58	0.00	18080.62
8	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.	Tn	3.24	106354.96	344590.07	1.76	1.76	106354.96	187064.55	0.00	106354.96	0.00	1.76	187064.55	0.00	157525.52
9	Providing and Fixing pre cast Covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting, including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc complete	Sqm	295.92	2173.53	643191.00	254.52	254.52	2173.53	553206.86	0.00	2173.53	0.00	254.52	553206.86	0.00	89984.14
10	Providing and Fixing pre cast Covering Slab 250mm thick made out of CC 1:2:4 and jelly 20mm Down size with steel reinforcement including form work,curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc, complete. As per Engineer incharge	Sqm	18.00	5283.81	95108.58	0.00	0.00	5283.81	0.00	0.00	5283.81	0.00	0.00	0.00	0.00	95108.58

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19
11	Supplying and fixing M15 grade precast ce concrete 600 x 300 x 150 mm Kerb Stone for Roadway, Sidewalls and gutters fixed with CM 1:3 fixed and finsihed in line as per direction of Engineer in charge.	Nos	320.00	488.10	156192.00	0.00	0.00	488.10	0.00	0.00	488.10	0.00	0.00	0.00	0.00	156192.00
12	Painting Two Coats on New Concrete Surfaces Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concretesurfaces.	Sqm	96.00	110.77	10633.92	0.00	0.00	110.77	0.00	0.00	110.77	0.00	0.00	0.00	0.00	10633.92
13	Earth work in surface Excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring,	Cum	149.70	75.00	11227.50	368.94	187.13	75.00	14034.38	181.81	75.00	13635.79	368.94	27670.16	16442.66	0.00
14	4 Providing, laying, spreading and compacting graded stone aggregate to Wet Mix Macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on	Cum	187.13	2762.44	516935.40	294.48	233.91	2762.44	646169.25	60.56	2762.44	167303.03	294.48	813472.28	296536.88	0.00
15	Providing and applying Primer Coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical	Sqm	748.50	48.46	36272.31	1242.29	935.63	48.46	45340.39	306.66	48.46	14860.74	1242.29	60201.13	23928.82	0.00
16	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG30, @ 4.5 per cent by weight of total mix and filler, transporting the hot mix to work site,	Cum	37.43	10545.59	394721.43	62.11	46.79	10545.59	493401.79	15.33	10545.59	161629.62	62.11	655031.41	260309.98	0.00
17	Providing and applying Tack Coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.25 kg/m2 on the prepared bituminous surface cleaned with mechanical broom	Sqm	2495.00	16.15	40294.25	3615.08	3118.75	16.15	50367.81	496.33	16.15	8015.73	3615.08	58383.54	18089.29	0.00
18	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired	Cum	99.80	12244.03	1221954.19	96.91	96.91	12244.03	1186527.32	0.00	12244.03	0.00	96.91	1186527.32	0.00	35426.88
19	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads	Sqm	99.60	551.56	54935.38	99.74	99.74	551.56	55012.59	0.00	551.56	0.00	99.74	55012.59	77.22	0.00
20	Loading and Unloading of Stone Boulder / Stone aggregates / Sand / Kankar / Moorum. (Tipper 14 m3)	Cum	417.35	85.39	35637.52	626.46	521.69	85.39	44546.90	104.78	85.39	8946.74	626.46	53493.63	17856.12	0.00
21	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km	T.Km	534.20	121.16	64723.67	801.87	667.75	121.16	80904.59	134.12	121.16	16250.22	801.87	97154.81	32431.14	0.00
	Sub Total				**4443949.49**				**3968984.01**			**390641.88**		**4359625.88**	**665672.11**	**749995.72**
	EIRL															

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			Qty	Rates	Amount		Qty.	Rates	Amount	Qty.	Rates	Amount	Qty	Amount	Excess	Savings
1	2	3	7	8	9	10	11	12	13	14	15	16	10	17	18	19
E1	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.	Sqm								52.60	1231.21	64761.71	52.60	64761.71	64761.71	
E2	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work	Cum								21.87	878.01	19202.14	21.87	19202.14	19202.14	
	Sub Total													**4443589.74**	**749635.97**	**749995.72**
	Miscellaneous & Rounding off													**2.63**	**2.63**	
	Total				**4443949.49**									**4443592.37**	**749638.60**	**749995.72**

Contractor

Assistant Engineer

Asst. Executive Engineer

Executive Engineer

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ
ಬೃ.ಬೆ.ಮ.ಪಾ, ಬೆಂಗಳೂರು

ಸಹಾಯಕ
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ